



MIFUGO LINK TECHNOLOGIES

Mifugo Link Technology is an innovative company dedicated to transforming the livestock sector through its flagship product, the Mifugo360 SuperApp.

The institution was founded to address critical, long-standing challenges within the industry, including a lack of animal traceability, fragmented health monitoring, high rates of theft, and limited access to digital financial services for farmers. By leveraging cutting-edge technology, Mifugo Link Technology aims to empower farmers and formalize the livestock value chain.

The Mifugo360 platform serves as a comprehensive solution for livestock registration, health management, and market access, ultimately fostering a more secure, efficient, and profitable ecosystem for all stakeholders.

Mifugo Link Technology is based at **Tatu City, Nairobi, Kenya**, positioning it within a growing innovation hub that supports its mission to digitize and revolutionize livestock farming across the region.

Roles of Mifugo Link Technologies in the E-Voucher and Animal Registration Program

In the E-Voucher and Animal Registration Program, Mifugo Link Technology's primary role is to provide the core technological platform and expertise through the Mifugo360 SuperApp.

Key responsibilities include:

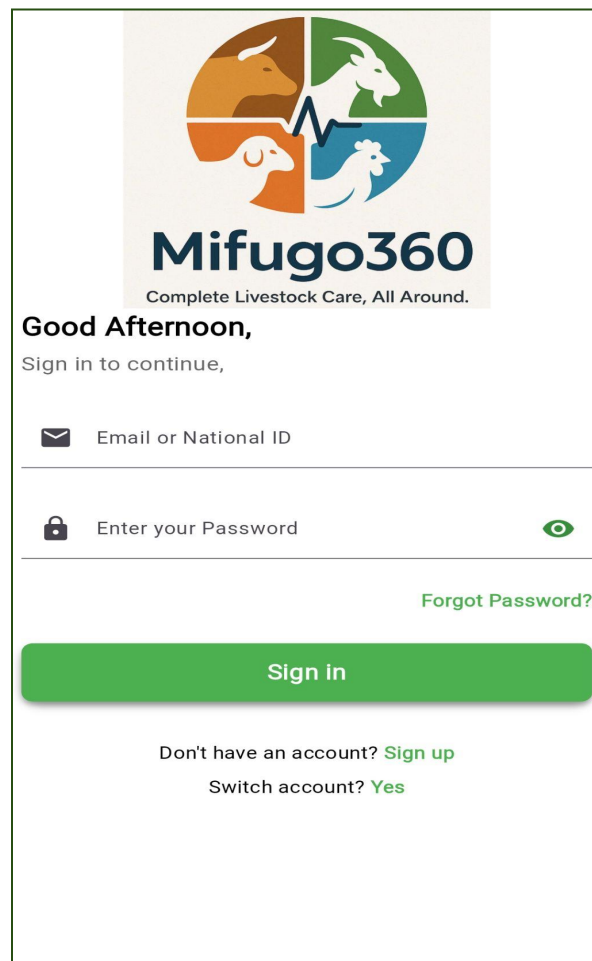
1. **Providing the Technology Platform:** Developing, maintaining, and supporting the Mifugo360 mobile application for field use.
2. **Enabling Biometric Animal Registration:** Implementing its proprietary AI-powered models to capture, process, and register cattle using unique muzzle patterns for tamper-proof identification.
3. **Facilitating Animal Traceability and Health Monitoring:** Providing tools for geo-location mapping of each animal, tracking vaccinations, issuing health alerts, and maintaining digital health records.

4. **Data Management and System Integration:** Managing the secure storage of all collected data (images, biometrics, farmer details) and ensuring seamless synchronization with national systems like KIAMIS via API.
5. **Integrating Value Chain Stakeholders:** Creating a unified digital environment where farmers, Animal Health Assistants (AHAs), veterinarians, insurers, markets, and law enforcement can connect and share verified information.

Mifugo360 App Training Manual

Getting started with Mifugo360:

1. **Download and install the Mifugo360 app.**
2. Once installed, launch the app — the **landing page (Sign In page)** will appear.
3. If you're a **new user**, tap on “**Sign Up**” to register.
4. If you already have an account, enter your login credentials to sign in and access your dashboard.



The image shows the login screen of the Mifugo360 app. At the top, there is a logo consisting of four quadrants with different livestock icons (a cow, a goat, a sheep, and a chicken) and a heartbeat line. Below the logo, the text "Mifugo360" is displayed in a large, bold, dark blue font, followed by the tagline "Complete Livestock Care, All Around." in a smaller font. Below this, the text "Good Afternoon," is shown in a bold font, followed by "Sign in to continue," in a smaller font. There are two input fields: the first is labeled "Email or National ID" with an envelope icon, and the second is labeled "Enter your Password" with a lock icon and a toggle eye icon. Below the password field, there is a link "Forgot Password?" in green. A large green button with the text "Sign in" is positioned below the input fields. At the bottom, there are two links: "Don't have an account? Sign up" and "Switch account? Yes", both in green.

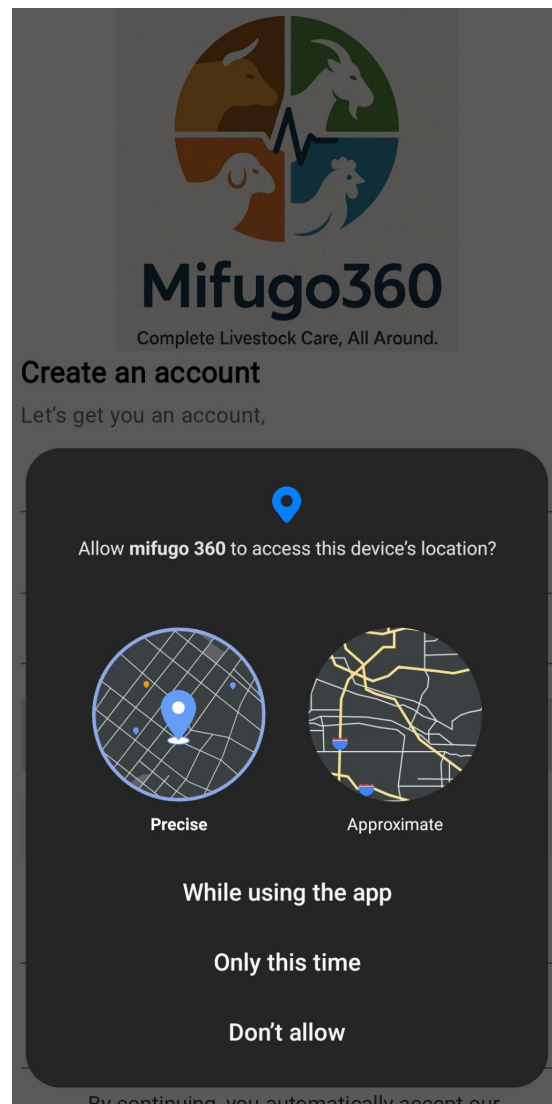
Signing Up as a New User on Mifugo360:

If you're a new user, tap on the “**Sign Up**” button on the landing page.

Location Access Prompt:

Before proceeding, the app will ask for permission to access your device's location.

- Tap “**while using the app**” or “**Only this time**” to continue.



Fill in the Sign-Up Form:

Once location access is granted, a registration form will appear. Enter the required personal details:

- Full Name
- National ID Number
- Email Address
- Phone Number

Select Your Role:

- Choose “**Animal Health Assistant**” (or your appropriate role) from the dropdown list.

Accept Terms and Conditions:

- Read through the terms and conditions.
- Check the box to confirm you agree.

Complete Registration:

- Tap the “**Sign Up**” button to finish the process.
- You will be directed to the sign-in page. Use the credentials you just created to log in and access your dashboard.



Create an account

Let's get you an account,

First Name Last Name

National ID Number

Your Email

+254 701234567

0/12

Health Assistant

Enter your Password



Confirm your Password



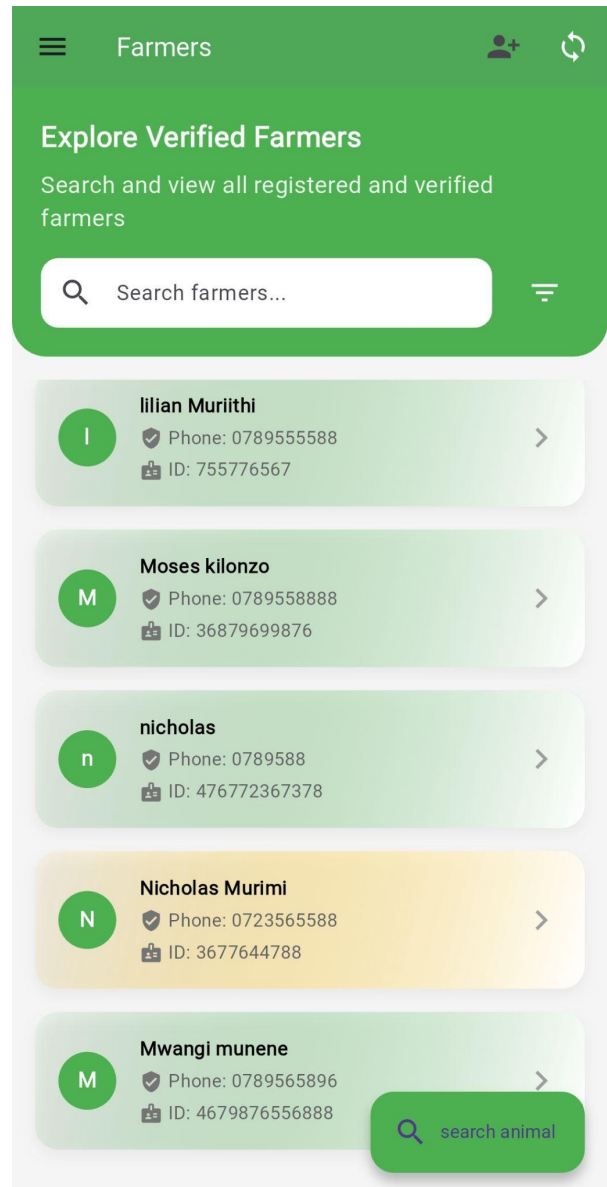
☐ By continuing, you automatically accept our terms & conditions [Privacy Policy](#) and [Cookies Policy](#)

Sign up

Farmers List Page (Home Page after Sign In)

This screen serves as the dashboard showing all the farmers assigned to the AHA. It provides several functionalities:

- **Farmer Details Displayed:** Name, Phone number, and ID
- **Search Function:**
A search bar is positioned at the top. The AHA can search for farmers by:
 - Name
 - Phone number
 - Farmer ID
- **Filter Functionality:**
Located to the right of the search bar, the filter function offers three options:
 - **All Farmers**
 - **Farmers with Onboarded Animals**
 - **Farmers without Onboarded Animals**
- **Sync Button:**
On the top-right corner, there is a **Sync** button that allows the AHA to manually synchronize data collected on the device with the remote server.



Farmer Profile & Animal Statistics

Click on any particular farmer to view their **Farmer Profile** screen.

It includes:

Farmer Details: Information about the farmer that includes name, ID, and phone number.

- **Status** – This indicates whether the farmer has been **onboarded** or **not onboarded**.

Animal Statistics

This is a summary of the livestock owned by the farmer. It displays the total count for each type of animal (e.g., cattle, goats, sheep).

Click on the **"Cattle"** section to start onboarding cattle for animal identification.

The screenshot shows a mobile application interface. At the top is a green header bar with a back arrow and the name 'Mathew' followed by a redacted ID number. Below the header is a white card containing the farmer's profile: a green circular avatar with the letter 'M', the name 'Mathew' with a redacted ID, 'ID Number:' with a redacted field, 'Phone: 07' with a redacted field, and 'Status: not onboarded' in red text. Below this is another white card titled 'Animal Statistics' with a light green background. It contains a table of livestock counts: Cattle (11.0), Goats (0), Sheep (0), Poultry (0), and Total (11). At the bottom of this card are two green buttons: '+ Animal' and 'Treat'.

Animal Statistics	
Cattle	11.0
Goats	0
Sheep	0
Poultry	0
Total	11

Buttons: + Animal, Treat

Farmer's Cattle Page

Top Right Corner

- **Sync Button** – Just like in previous screens, this allows you to manually sync cattle data with the server.

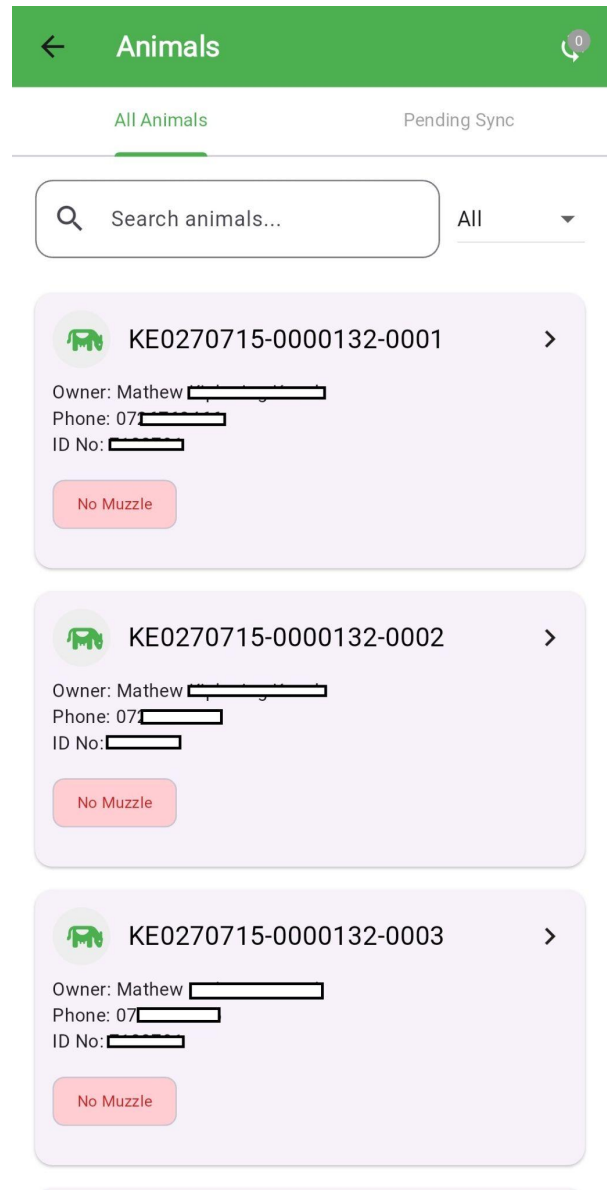
Animal Section (Tabs)

- **All Animals Tab** – Displays **all cattle** associated with the selected farmer.
- **Pending Sync Tab** – Displays **animals that have not yet been synced** to the server. Users can view and confirm the data that needs to be uploaded.

You can switch between these two tabs to view different sets of animal records.

All Animals View

- Each animal is listed using its **Animal Number**, which is **generated by Kiamis**.
- **Click on any animal number** to proceed to a detailed view for that animal and to onboard an animal



Animal onboarding:

- Begin by identifying the **eldest animal** in the herd and select the first animal number.
- Tapping on the animal number will take you to the **Animal Onboarding Form** screen.

Fill in Animal Details

Input the following information:

1. **Breed** – Select the animal's breed from the dropdown.
2. **Sex/Gender** – Choose Male or Female.
3. **Tag ID (optional)** – Enter if the animal has a visible tag.
4. **Animal Skin Color** – Describe the primary coat color.
5. **Muzzle Scan** – Tap on the **Muzzle Scan field** to open the camera and capture the animal's muzzle.

Scan the Muzzle

- Once you tap the **Muzzle Scan** field, a dedicated screen will open for capturing the muzzle image.
- Make sure the image is **clear and well-lit**, and that the animal's muzzle is clean and centered in the frame.

Generate Bio ID

- Tap the **“Generate Bio ID”** button to complete onboarding.

← Onboard/update animal

Select Breed

Select Sex

Tag Id or name

optional

Animal Skin color

give colors of the skin of the animal

Muzzle Scan



Generate Bio ID

Muzzle Scan Instructions

1. Position the Animal

Make sure the animal is calm and facing forward. The muzzle should be clean, clearly visible, and well-lit. Avoid shadows and blur.

2. Start Scanning

- Once the animal is in position, press the **Start Scanning** button.
- The system will automatically attempt to capture the best image of the muzzle.

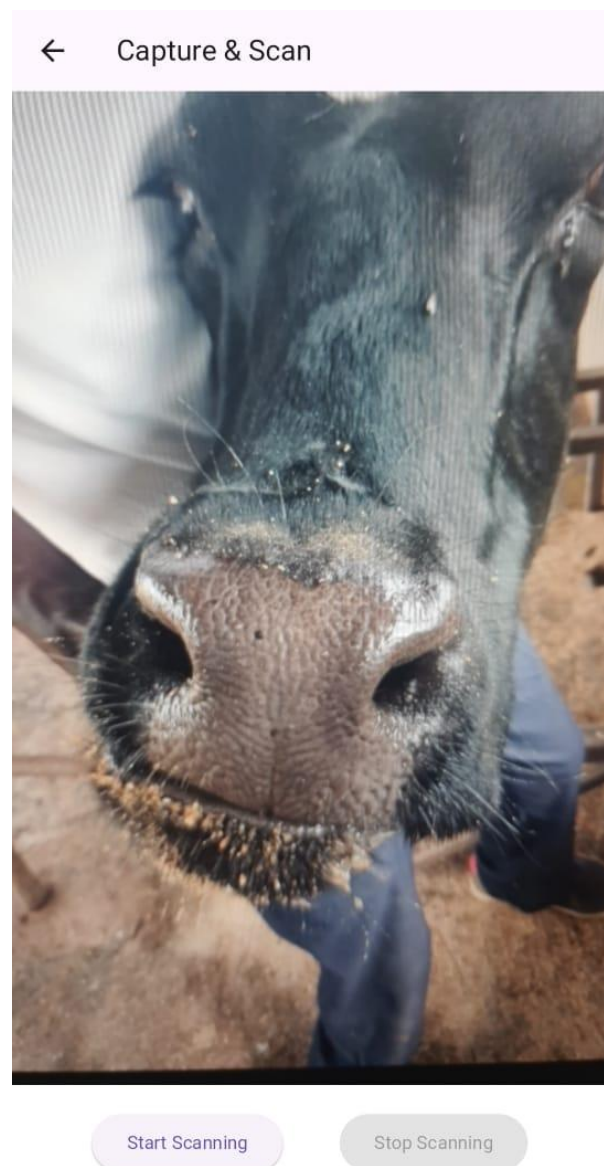
3. Review Scan Result

- If the image is **accepted**, proceed to click **Generate Bio ID** to complete onboarding.
- If the image is **rejected**, adjust the animal or environment and press **Start Scanning** again to retake the scan.

4. Stop Scanning

Use the **Stop Scanning** button if you need to halt the process or reposition the animal.

💡 Need help? Refer to the **Muzzle Image Capture Guide** for tips on how to take the best muzzle photos.



After onboarding the eldest animal, proceed to onboard the remaining animals in the herd, one by one. Once you've onboarded all the animals, **tap the Sync button** located at the top right corner of the screen. The button will display the number of animals pending sync in **red**.

 *Ensure you have a stable internet connection and good network coverage before syncing to avoid data loss.*

